

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	739	catalyst same (vpo or vanadium\$1phosphorus or phosphorus\$1vanadium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 10:03
S2	540	S1 and ((chromium or cr) or (molybdenum or mo) or (tungsten or wolfram) or (iron or fe) or (ruthenium or ru) or cobalt or (rhodium or rh) or (iridium or ir) or (nickel or ni) or (palladium or pd) or (platinum or pt) or (zinc or zn) or (lead or pb))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 10:04
S3	432	S2 and (nitroso or nitrile or amine or amide or amino or nitrogen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 10:05
S4	355	S3 and (((silic\$2 or sio2 or "sio.sub.2") or (alumin\$2 or al2o3 or "al.sub.2o.sub.3") or (zirconi\$2 or zro2 or "zro.sub.2") or (titani\$2 or tio2 or "tio.sub.2")))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 10:06
S5	349	S3 and (((silic\$2 or sio2 or "sio.sub.2") or (alumin\$2 or al2o3 or "al.sub.2o.sub.3") or (zirconi\$2 or zro2 or "zro.sub.2") or (titani\$2 or tio2 or "tio.sub.2") same (support or carrier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 10:07
S6	56	S2 and (pyridine or quinoline or pyridazine or pyrimidine or pyrazine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 10:08
S7	349	S5 and (((silic\$2 or sio2 or "sio.sub.2") or (alumin\$2 or al2o3 or "al.sub.2o.sub.3") or (zirconi\$2 or zro2 or "zro.sub.2") or (titani\$2 or tio2 or "tio.sub.2") same (support or carrier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 10:08

S8	40	S6 and ((silic\$2 or sio2 or "sio.sub.2") or (alumin\$2 or al2o3 or "al.sub.2o.sub.3") or (zirconi\$2 or zro2 or "zro.sub.2") or (titani\$2 or tio2 or "tio.sub.2") same (support or carrier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 10:08
S9	6	S8 and methylpyridine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 10:09
S10	749	(546/286).CCL.S.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/18 11:03
S11	3832	(502/200,209-211,213,214).CCL.S.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/18 11:04
S12	5	S10 and (vpo or vanadium \$1phosphorus or phosphorus\$1vanadium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:04
S13	220	S11 and (vpo or vanadium \$1phosphorus or phosphorus\$1vanadium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:05
S14	190	S13 and ((chromium or cr) or (molybdenum or mo) or (tungsten or wolfram) or (iron or fe) or (ruthenium or ru) or cobalt or (rhodium or rh) or (iridium or ir) or (nickel or ni) or (palladium or pd) or (platinum or pt) or (zinc or zn) or (lead or pb))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:05
S15	5	S14 and (pyridine or quinoline or pyridazine or pyrimidine or pyrazine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:05
S16	660	((chromium or cr) or (molybdenum or mo) or (tungsten or wolfram) or (iron or fe) or (ruthenium or ru) or cobalt or (rhodium or rh) or (iridium or ir) or (nickel or ni) or (palladium or pd) or (platinum or pt) or (zinc or zn) or (lead or pb)) same (vpo or vanadium \$1phosphorus or phosphorus\$1vanadium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:07

S17	1	S10 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:08
S18	1	S15 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:08
S19	59	cyanopyridine same methylpyridine same (ammonia or nh3 or "nh. sub.3") same (oxygen or o2 or "o.sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:09
S20	10	S19 and (catalyst same vanadium same phosphorus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:09
S21	8	S20 and ((chromium or or) or (molybdenum or mo) or (tungsten or wolfram) or (iron or fe) or (ruthenium or ru) or cobalt or (rhodium or rh) or (iridium or ir) or (nickel or ni) or (palladium or pd) or (platinum or pt) or (zinc or zn) or (lead or pb))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:09
S22	19	("4508848" "4668653" "4746641" "4879264" "5008427" "5094989" "5214016").PN. OR ("5432141").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/18 11:13
S23	874	(502/209).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/18 11:14
S24	701	S23 and ((chromium or or) or (molybdenum or mo) or (tungsten or wolfram) or (iron or fe) or (ruthenium or ru) or cobalt or (rhodium or rh) or (iridium or ir) or (nickel or ni) or (palladium or pd) or (platinum or pt) or (zinc or zn) or (lead or pb))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:15
S25	0	S19 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:15

S26	0	S19 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:15
S27	12	S19 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:15
S28	11	("3868400" "3959297" "3959339" "3970657" "4057552" "4447612"). PN. OR ("4963687").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/18 11:16
S29	12	("3259652" "3927007" "4051140" "4284781"). PN. OR ("4447612").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/18 11:18
S30	3	("4778890" "4939260" "4963687").PN. OR ("5910465").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/18 11:20
S31	229	catalyst same (vpo or vanadium\$1phosphorus or phosphorus\$1vanadium) same ((chromium or cr) or (molybdenum or mo) or (tungsten or wolfram) or (iron or fe) or (ruthenium or ru) or cobalt or (rhodium or rh) or (iridium or ir) or (nickel or ni) or (palladium or pd) or (platinum or pt) or (zinc or zn) or (lead or pb))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:24
S32	11	S31 and (pyridine or quinoline or pyridazine or pyrimidine or pyrazine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:25
S33	11	("2298091" "3168481" "3538017").PN. OR ("4111832").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/18 11:26
S34	3	catalyst same (vpo or vanadium\$1phosphorus or phosphorus\$1vanadium) same ((chromium or cr) or (molybdenum or mo) or (tungsten or wolfram) or (iron or fe) or (ruthenium or ru) or cobalt or (rhodium or rh) or (iridium or ir) or (nickel or ni) or (palladium or pd) or (platinum or pt) or (zinc or zn) or (lead or pb)) same (pyridine or quinoline or pyridazine or pyrimidine or pyrazine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:28

S35	1	S19 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:28
S36	1	S10 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/18 11:29
S37	3817	(502/167,312,353).CQLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/19 07:57
S38	739	catalyst same (vpo or vanadium\$1phosphorus or phosphorus\$1vanadium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 07:58
S39	26	S37 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 07:58
S40	24	S39 and ((chromium or cr) or (molybdenum or mo) or (tungsten or wolfram) or (iron or fe) or (ruthenium or ru) or cobalt or (rhodium or rh) or (iridium or ir) or (nickel or ni) or (palladium or pd) or (platinum or pt) or (zinc or zn) or (lead or pb))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 07:58
S41	0	S40 and methylpyridine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 07:58
S42	2	S40 and (pyridine or quinoline or pyridazine or pyrimidine or pyrazine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 07:58
S43	2	S39 and (pyridine or quinoline or pyridazine or pyrimidine or pyrazine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:00
S44	59	cyanopyridine same methylpyridine same (ammonia or nh3 or "nh.sub.3") same (oxygen or o2 or "o.sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:01
S45	2	S38 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:01

S46	10	S37 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:01
S47	10	S46 and ((chromium or cr) or (molybdenum or mo) or (tungsten or wolfram) or (iron or fe) or (ruthenium or ru) or cobalt or (rhodium or rh) or (iridium or ir) or (nickel or ni) or (palladium or pd) or (platinum or pt) or (zinc or zn) or (lead or pb))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:02
S48	0	S47 and (pyridine or quinoline or pyridazine or pyrimidine or pyrazine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:07
S49	315	"vanadium phosphorus oxide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:09
S50	0	S44 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:09
S51	749	(546/286).CCL.S.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/19 08:09
S52	3	S49 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:09
S53	196	S51 and cyanopyridine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:11
S54	70	S53 and methylpyridine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:11
S55	6	S54 and (catalyst same vanadium same phosphorus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:12

S56	6	S55 and ((chromium or cr) or (molybdenum or mo) or (tungsten or wolfram) or (iron or fe) or (ruthenium or ru) or cobalt or (rhodium or rh) or (iridium or ir) or (nickel or ni) or (palladium or pd) or (platinum or pt) or (zinc or zn) or (lead or pb))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:12
S57	68	catalyst same vanadium same phosphorus same (pyridine or quinoline or pyridazine or pyrimidine or pyrazine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:14
S58	56	S57 and ((chromium or cr) or (molybdenum or mo) or (tungsten or wolfram) or (iron or fe) or (ruthenium or ru) or cobalt or (rhodium or rh) or (iridium or ir) or (nickel or ni) or (palladium or pd) or (platinum or pt) or (zinc or zn) or (lead or pb))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:14
S59	7	S58 and cyanopyridine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:14
S60	2	S59 and methylpyridine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:14
S61	5	S51 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:17
S62	2709	catalyst same vanadium same phosphorus same ((chromium or cr) or (molybdenum or mo) or (tungsten or wolfram) or (iron or fe) or (ruthenium or ru) or cobalt or (rhodium or rh) or (iridium or ir) or (nickel or ni) or (palladium or pd) or (platinum or pt) or (zinc or zn) or (lead or pb))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:20

S63	3	catalyst same vanadium same phosphorus same ((chromium or cr) or (molybdenum or mo) or (tungsten or wolfram) or (iron or fe) or (ruthenium or ru) or cobalt or (rhodium or rh) or (iridium or ir) or (nickel or ni) or (palladium or pd) or (platinum or pt) or (zinc or zn) or (lead or pb)) same ("organic nitrogen" or "cyclic nitrogen")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:21
S64	53	catalyst same vanadium same phosphorus same ((chromium or cr) or (molybdenum or mo) or (tungsten or wolfram) or (iron or fe) or (ruthenium or ru) or cobalt or (rhodium or rh) or (iridium or ir) or (nickel or ni) or (palladium or pd) or (platinum or pt) or (zinc or zn) or (lead or pb)) same (pyridine or quinoline or pyridazine or pyrimidine or pyrazine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:22
S65	1	S64 and methyl\$1pyridine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:22
S66	14	S62 and methyl\$1pyridine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:32
S67	68	catalyst same vanadium same phosphorus same (pyridine or quinoline or pyridazine or pyrimidine or pyrazine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:32
S68	15	catalyst with vanadium with phosphorus with (pyridine or quinoline or pyridazine or pyrimidine or pyrazine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:33
S69	3	S68 and methyl\$1pyridine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:33

S70	15	catalyst with vanadium with phosphorus with pyridine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:37
S71	0	catalyst with vanadium with phosphorus with quinoline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:38
S72	6	catalyst with vanadium with phosphorus with methylpyridine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:39
S73	2584	(502/167).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/19 08:45
S74	0	S73 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:45
S75	8	(catalyst with vanadium with phosphorus) same methylpyridine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:46
S76	570	catalyst with methylpyridine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:47
S77	4	S38 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:47
S78	26793	catalyst with (pyridine or quinoline or pyridazine or pyrimidine or pyrazine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:49
S79	5	S49 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:49
S80	0	catalyst with (pyridine or quinoline or pyridazine or pyrimidine or pyrazine) with "vanadium phosphorus oxide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:50
S81	0	catalyst with methylpyridine with "vanadium phosphorus oxide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:51

S82	1	catalyst same methyl \$1pyridine same "vanadium phosphorus oxide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 08:51
S83	0	(catalyst with vanadium with phosphorus) same (pre \$1treat\$4 with ("organic nitrogen" or "cyclic nitrogen"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 10:15
S84	0	(catalyst with vanadium with phosphorus) same (pre \$1treat\$4 with (pyridine or quinoline or pyridazine or pyrimidine or pyrazine))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 10:15
S85	0	(catalyst with vanadium with phosphorus) and (pre \$1treat\$4 with ("organic nitrogen" or "cyclic nitrogen"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 10:16
S86	0	(catalyst with vanadium with phosphorus) and (pre \$1treat\$4 with (pyridine or quinoline or pyridazine or pyrimidine or pyrazine))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 10:16
S87	739	catalyst same (vpo or vanadium\$1phosphorus or phosphorus\$1vanadium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 10:17
S88	0	S87 and (pre\$1treat\$4 with (pyridine or quinoline or pyridazine or pyrimidine or pyrazine))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 10:17
S89	5	catalyst same (vpo or vanadium\$1phosphorus or phosphorus\$1vanadium) same pre\$1treat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 10:17
S90	59	cyanopyridine same methylpyridine same (ammonia or nh3 or "nh. sub.3") same (oxygen or o2 or "o.sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 10:19
S91	47	cyanopyridine same methylpyridine same ammoxidation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 10:19
S92	81	S90 or S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 10:19

S93	4	S87 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 10:19
S94	0	(catalyst with vanadium with phosphorus same ((impregnat\$3 or pre\$1treat \$4) with ("organic nitrogen" or "cyclic nitrogen"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 10:21
S95	0	catalyst same vanadium same phosphorus same ((impregnat\$3 or pre\$1treat \$4) with ("organic nitrogen" or "cyclic nitrogen"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 10:25
S96	0	catalyst same vanadium same phosphorus same ((impregnat\$3 or pre\$1treat \$4) with (pyridine or quinoline or pyridazine or pyrimidine or pyrazine))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/19 10:26
S97	2	("5028713").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/26 10:03
S98	28	("2510605" "3555021" "3803204" "3838068" "3845094" "3875204" "3923819" "3927007" "3959297" "3970657" "3970659" "3981879" "4001255" "4001316" "4014925" "4017423" "4092271" "4284781" "4336205" "4404397" "4444907" "4603207"). PN. OR ("5028713").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/26 10:04

EAST Search History (Interference)

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